



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hyunjung Lee

Docket No.: 2156-612A

Serial No.: 10/798,522

Group Art Unit:

Filed: March 11, 2004

Title: PROCESS FOR PREPARING A NON-CONDUCTIVE SUBSTRATE  
FOR ELECTROPLATING

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to Sections 609 and 707.05(b) of the MPEP and 37 CFR 1.97-1.99, the attached form PTO-1449 lists documents that may be pertinent to the invention as claimed in the above-identified application.

This Information Disclosure Statement is being filed within three months of the filing date. Therefore, no fee is believed to be due. In the event that a fee is due, please charge Deposit Account No. 50-0447 to cover these fees. The citation of these documents should not be construed as a representation that a thorough search has been made, or that other, more pertinent material is not available.

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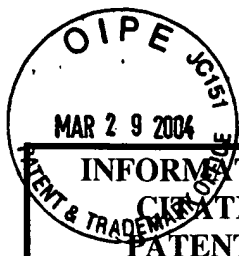
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Date: March 26, 2004  
(W1290875)

Respectfully submitted,

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<b>INFORMATION DISCLOSURE</b> <b>CITATION FORM FOR</b> <b>PATENT APPLICATION</b> <b>(FORM PTO-1449)</b> (Substitute)	Docket No.: 2156-612A Serial No.: 10/798,522 Applicant: Hyunjung Lee Filing Date: March 11, 2004 Group:
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### U.S. PATENTS

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
	4,619,741	10/28/86	Minten, et al.			
	4,622,107	11/11/86	Piano			
	4,622,108	11/11/86	Polakovic, et al.			
	4,631,117	12/23/86	Minten, et al.			
	4,634,691	1/6/87	Hedglin, et al.			
	4,684,560	8/4/87	Minten, et al.			
	4,718,993	1/12/88	Cupta, et al.			
	4,724,005	2/9/88	Minten, et al.			
	4,874,477	10/17/89	Pendleton			
	4,897,164	1/30/90	Piano, et al.			
	4,964,959	10/23/90	Nelsen, et al.			
	4,994,153	2/19/91	Piano, et al.			
	5,015,339	5/14/91	Pendleton			
	5,106,537	4/21/92	Nelsen, et al.			
	5,110,355	5/5/92	Pendleton			
	5,139,642	8/18/92	Randolph, et al.			
	5,143,592	9/1/92	Toro			
	5,476,580	12/19/95	Thorn, et al.			
	5,725,807	3/10/98	Thorn, et al.			
	5,759,378	6/2/98	Ferrier, et al.			

### FOREIGN PATENT DOCUMENTS

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a

### OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)

	Standard Test Method For Carbon Black-Oil Absorption Number (OAN) <sup>1</sup> , ASTM International, Designation: D2414 – 04
	Electrical Conductivity of Conductive Carbon Blacks: Influence Of Surface Chemistry and Topology, Dana Pantea, et al., Elsevier Science, Applied Surface Science 217 (2003) pp. 181-193.
	Comparison of Nitrogen and Carbon Dioxide Adsorption on Carbon Blacks. A Possibility To Obtain Information on Micropores and Basic Sites On the Surface?, H. Darmstadt, et al., Chemical Engineering Department, Laval University, Quebec, Canada and Institut Pyrovac Inc., Sainte-Foy, Canada
	A Review Of The Technology Development Of Direct Metallization, Chi-Chao Wan, Proc. Natl. Sci. Coun. ROC(A), Vol. 23, No. 3, 1999, pp. 365-368
	Effects Of Carbon Black Properties On Conductive Coatings, John K. Foster, Special Blacks Division, Cabot Corporation, Billerica, MA.
	Effect of Carbon Black Physical Form On Dispersion Rate, Mary F. Heithaus, et al., Special Blacks Division, Cabot Corporation, Billerica, MA.
	Dispersion Aids For Carbon Blacks In Aqueous Systems, Special Blacks Division, Cabot Corporation, Billerica, MA.

<b>INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449) (Substitute)</b>	Docket No.: 2156-612A Serial No.: 10/798,522 Applicant: Hyunjung Lee Filing Date: March 11, 2004 Group:
	<b><u>OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)</u></b>
	The Fundamentals of Carbon Black, Cabot Corporation, Billerica, MA.
	Material Safety Data Sheet, Carbon Black, Conductex®, Columbian Chemicals Company, Marietta, GA
	What Are Conductive Carbon Blacks? And How Might I Use Them In My Products?, Ampacet, A-Bulletin, www.AMPACET.COM
	Carbon Black For Plastics: Global Recommendation Guide, Cabot Corporation, Billerica, MA.
	VULCAN@XC72, Carbon Black, Cabot Corporation, Billerica, MA.
	Special Black-High Color Pigment Black - MONARCH®1300, Cabot Corporation, Billerica, MA.
	Sartomer Application Bulletin, Dispersing Carbon Black Using SMA® Resins or SMA® Imide Resin, Atofina, Exton, PA.
	Electrical Conductivity of Thermal Carbon Blacks. Influence of Surface Chemistry, Dana Pantea, et al., www.gch.ulaval.ca
	Electrical Conductivity of Thermal Carbon Black, Compounding With Thermal Carbon Black For Low Conductivity, Cancarb, May 1997
	Raven Blacks, Typical Properties of Industrial Carbon Blacks and Industrial Carbon Black Applications, Columbian Chemicals Company, Marietta, GA
	Using Raven® Blacks In Plastics Applications, Columbian Chemicals Company, Marietta, GA
<b>Examiner's Signature:</b>	
Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered. Include a copy of this citation form with your next correspondence to the Applicant(s).	